



PATENT

ATTORNEY DOCKET NO.: 03752/9148-Con6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	
Huff et al.)	Examiner: Daniel W. Howell
)	
Serial No.: 10/714,004)	Art Unit: 3722
)	
Filed: November 13, 2003)	
)	
Title: Non-Impact Keyless Chuck)	Deposit Acct.: 50-1196
)	

TERMINAL DISCLAIMER PURSUANT TO 37 CFR SECTION 1.321(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

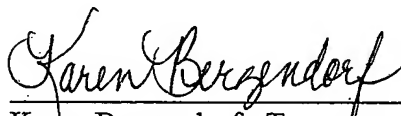
Jacobs Chuck Manufacturing Company owns all right, title and interest in and to the above-captioned patent application and to any patent which may be granted thereon. Jacobs Chuck Manufacturing Company hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 - 156 and 173 of U.S. Patent No. 6,669,207.

Jacobs Chuck Manufacturing Company hereby further agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 - 156 and 173 of the prior patent in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321 other than as described above, has all claims canceled by reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term.

Respectfully submitted,

JACOBS CHUCK MANUFACTURING COMPANY



Karen Bergendorf, Treasurer



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Jacobs Chuck Manufacturing Company

Application No./Patent No.: 10/714,004 Filed/Issue Date: November 13, 2003

Entitled: Non-Impact Keyless Chuck

Jacobs Chuck Manufacturing Company, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Robert Huff, Paul Jordan and William Forquer To: Jacobs Chuck Technology Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 014708, Frame 0811, or for which a copy thereof is attached.

2. From: Jacobs Chuck Technology Corporation To: Power Tool Holders Incorporated

The document was recorded in the United States Patent and Trademark Office at Reel 014708, Frame 0721, or for which a copy thereof is attached.

3. From: Power Tool Holders Incorporated To: Jacobs Chuck Manufacturing Company

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7-9-04

Date

Karen Bergendorf,

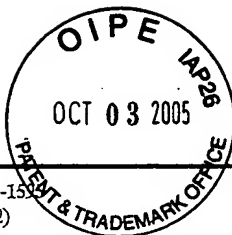
Typed or printed name

Karen Bergendorf

Signature

Treasurer

Title



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Form PTO-1532
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Power Tool Holders Incorporated

2. Name and address of receiving party(ies)
Name: The Jacobs Chuck Manufacturing Company

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: One Jacobs Road

City: Clemson State: SC Zip: 29633

Execution Date: 04/05/2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) _____
See Attached Schedule A

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kyle M. Globerman

Internal Address: Nelson Mullins Riley &

Scarborough, LLP

Street Address: P.O. Box 11070

City: Columbia State: SC Zip: 29211

6. Total number of applications and patents involved: 189

7. Total fee (37 CFR 3.41).....\$ 7,560.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1196

DO NOT USE THIS SPACE

9. Signature.

Kyle M. Globerman

Name of Person Signing

Signature

April 29, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT OF PATENTS

WHEREAS, Power Tool Holders Incorporated (the "Assignor"), a Delaware corporation having an address of 16 West Main Street, Christiana, Delaware 19702, is the owner of various U.S. patents listed at Schedule A, (hereinafter referred to as the "Patents");

WHEREAS, The Jacobs Chuck Manufacturing Company (hereinafter together with its successors and assigns referred to as the "Assignee"), a Delaware corporation, having an address of One Jacobs Road, Clemson, South Carolina 29633, is desirous of obtaining any and all right, title and interest in, to and under the Patents; and

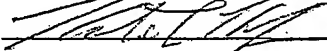
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to the Assignee any and all right, title and interest in, to and under the Patents, as described in Schedule A, and in and to the invention or inventions described in the Patents in any form or embodiments thereof, also the entire right, title and interest in and to any and all reissues or extensions thereof to be obtained in the United States upon the invention, inventions, or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon the invention, inventions, or improvements in the United States, including the right to sue for infringement and collect damages for acts occurring prior to the date of this Assignment and thereafter.

I hereby authorize the responsible officer of the Patent and Trademark Office of the United States to record this Assignment and to issue or transfer the Patents as set forth in Schedule A to the Assignee as owner of all right, title and interest therein.

This Assignment is effective *Nunc Pro Tunc* as of June 30, 2003.

IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

Date: APRIL 5, 2004

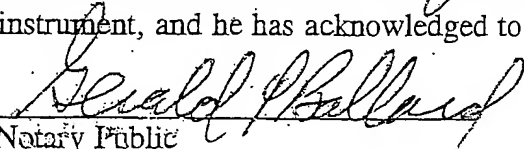
By: 

Name: Keith L. Thompson

Title: Assistant Secretary & Treasurer

STATE OF Delaware
COUNTY OF New Castle

On this 5 day of April 2004, before me came Keith L. Thompson, to me known and known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.


Notary Public

My commission expires:

SCHEDULE A

Patents

Title	Patent Number	Date Filed	Application Number	Date Issued
Chuck	D359217	March 5, 1993	29005451	June 13, 1995
Chuck	D359432	March 5, 1993	29005450	June 20, 1995
Chuck	D361076	June 3, 1994	29023910	August 8, 1995
Keyless chuck	D363295	January 27, 1994	29018021	October 17, 1995
Chuck	D366052	January 20, 1995	29033815	January 9, 1996
Chuck	D386193	August 9, 1996	29058269	November 11, 1997
Chuck	D402675	July 21, 1997	29074071	December 15, 1998
Multi-lobal chuck	D404988	November 26, 1997	29080546	February 2, 1999
Chuck	D405812	August 6, 1997	29077427	February 16, 1999
Multi-lobal rear chuck sleeve	D416461	November 26, 1997	29081048	November 16, 1999
Enhanced outer chuck sleeve	D411552	March 4, 1998	29084514	June 29, 1999
Chuck	D412001	March 5, 1998	29084549	July 13, 1999
Fluted front chuck sleeve	D413340	August 11, 1997	29076081	August 31, 1999
Chuck	D417228	March 4, 1998	29084502	November 30, 1999
Chuck	D426442	September 19, 1997	29077101	June 13, 2000
Quick Release Chuck Device	D427216	November 16, 1998	29096590	June 27, 2000
Tool Holding Device Incorporating a Solid Film Lubricant	N/A	March 2, 1995	08398949	N/A
Collet	N/A	June 7, 1995	08472253	N/A
Quick Release Chuck Device	N/A	March 29, 1995	08412465	N/A
Chuck	N/A	May 31, 1995	08456184	N/A
Screw for Fastening	N/A	August 11, 1995	08514515	N/A
Quick Release Chuck Device	N/A	June 27, 1994	08556956	N/A
Tool-Less Machine Tool Chuck	N/A	March 29, 1996	08623459	N/A
Chuck with Torque Limiting Mechanism and Inclined Plane for Final Tightening	N/A	June 19, 1996	08666847	N/A
Non-Impact Keyless Chuck	N/A	June 24, 1996	08668949	N/A
Tool Holding Device Incorporating a Solid Film Lubricant	N/A	August 20, 1996	08704418	N/A
Ball Screw Clamping Device	N/A	September 10, 1996	08711993	N/A
Ball Screw Clamping Device	N/A	September 25, 1996	08719483	N/A
Ball Screw Clamping Device	N/A	November 20, 1996	08752277	N/A
Tool-Less Machine Tool Chuck	N/A	December 5, 1996	08759592	N/A
Quick Release Integrated Collet and Chuck Device	N/A	February 28, 1997	08808890	N/A
Chuck	N/A	April 21, 1997	08837591	N/A
Chuck	N/A	May 29, 1997	08865117	N/A
Molded Chuck	N/A	July 31, 1997	08903679	N/A
Impact Tool Driver	N/A	August 6, 1997	08907320	N/A
	N/A	August 8, 1997	08908777	N/A

Title	Patent Number	Date Filed	Application Number	Date Issued
Chuck Mounting System and Method	N/A	August 11, 1997	08909342	N/A
Quick Change Chuck Device	N/A	September 3, 1997	08922411	N/A
Chuck with Jaw Blade Rotational Stop	N/A	January 30, 1998	09016096	N/A
Chuck with Enhanced Outer Surface	N/A	April 2, 1998	09054076	N/A
Electronic Lever for Remotely Actuating a Chuck Device	N/A	November 20, 1998	09196795	N/A
Locking Chuck	N/A	December 15, 1998	09211622	N/A
Locking Chuck	N/A	June 16, 1999	09334478	N/A
Power Driver Having Chuck Constructed within Driver Spindle	N/A	December 6, 1999	09455223	N/A
Chuck	N/A	February 18, 2000	09507158	N/A
Chuck	N/A	May 3, 2000	09564126	N/A
Self-Cleaning Drill Chuck	N/A	December 8, 2000	09733856	N/A
Locking chuck	N/A	June 11, 2002	10167708	N/A
Chuck Having Quick Change Mechanism	N/A	October 16, 2002	10271450	N/A
Chuck	N/A	January 31, 2003	10355774	N/A
Chuck Having Quick Change Mechanism	N/A	February 4, 2003	10357789	N/A
Chuck	N/A	May 28, 1996	29055024	N/A
Chuck	N/A	July 21, 1997	29073890	N/A
Chuck	N/A	July 21, 1997	29073911	N/A
Multi-Lobal Chuck	N/A	August 6, 1997	29077427	N/A
Chuck	N/A	December 11, 1997	29080630	N/A
Counter Centrifugal Chuck	N/A	March 1, 1996	60012604	N/A
Chuck	N/A	May 14, 1999	60134338	N/A
Chuck	N/A	May 14, 1999	60134350	N/A
Chuck with Quick Change	N/A	May 12, 2000	60203713	N/A
Chuck and Gearbox	N/A	August 21, 2000	60226631	N/A
Drill Having Improved Chuck Interface	N/A	August 21, 2000	60226632	N/A
Chuck Having Quick Change Mechanism	N/A	October 24, 2001	60386187	N/A
Self-actuating keyless chuck	N/A	January 20, 1988	07146279	N/A
Methods and apparatus for adjusting the center of a collet	4840387	June 15, 1990	07538909	June 20, 1989
Chuck jaw	4989887	March 12, 1990	07491729	February 5, 1991
Non-impact keyless chuck	5011167	December 11, 1989	07449722	April 30, 1991
Non-impact keyless tool chuck sleeve	5125673	January 18, 1991	07643185	June 30, 1992
Impact tool chuck	5135241	June 21, 1991	07719177	August 4, 1992
Chuck having a drive bit socket	5145194	August 7, 1992	07927070	September 8, 1992
Apparatus for adjusting the center of a collet	5193824	October 3, 1991	07770355	March 16, 1993
Keyless chuck	5193825	May 18, 1992	07884362	March 16, 1993
Non-impact keyless chuck	5215317	May 18, 1992	07884362	June 1, 1993
Tool chuck having dust seal	5253879	April 9, 1993	07884205	October 19, 1993
Collet chuck apparatus	529814	December 14, 1992	08045557	April 5, 1994
Sealing collet	5314198	May 27, 1993	07992260	May 24, 1994
	5324050		08068632	June 28, 1994

Title	Patent Number	Date Filed	Application Number	Date Issued
Non-impact keyless chuck	5330204	July 29, 1993	08099160	July 19, 1994
Chuck	5348317	August 13, 1993	08106063	September 20, 1994
Chuck	5348318	August 13, 1993	08106390	September 20, 1994
Collet and method for optimizing gripping action thereof	5382030	January 6, 1994	08178229	January 17, 1995
Keyless chuck with integral threaded ring	5390940	May 26, 1993	08067686	February 21, 1995
Sealing collet	5405155	April 1, 1994	08221888	April 11, 1995
Removable Nosepieces for Chucks and Similar Tool Holders	5409243	December 15, 1993	08167429	April 25, 1995
Chuck with torque limiting mechanism and inclined plane for final tightening	5411275	September 27, 1993	08127621	May 2, 1995
Non-impact keyless chuck	5431420	April 21, 1994	08230850	July 11, 1995
Non-impact keyless chuck	5452906	October 13, 1994	08322356	September 26, 1995
Quick release chuck device	5464229	May 26, 1994	08249535	November 7, 1995
Removable nosepieces for chucks and similar tool holders	5465983	November 22, 1994	08344350	November 14, 1995
Plastic grip boots for chucks	5476273	April 18, 1994	08228651	December 19, 1995
Method of manufacturing a collet with optimized gripping action	5495425	January 5, 1994	08177844	February 27, 1996
Lever bar keyless chuck	5499828	March 4, 1994	08206115	March 19, 1996
Chuck	5501473	August 12, 1994	08289992	March 26, 1996
Integrated collet and chuck device	5511801	April 1, 1994	08221889	April 30, 1996
Chuck with torque limiting mechanism and inclined plane for final tightening	5531461	February 9, 1995	08385970	July 2, 1996
Keyless chuck	5553873	July 1, 1994	08269553	September 10, 1996
Torque enhancing clamping nut	5567100	March 22, 1994	08216220	October 22, 1996
Non-impact keyless chuck	5573254	June 7, 1995	08476896	November 12, 1996
Quick release chuck device for saw blades	5573255	May 5, 1995	08435473	November 12, 1996
Quick release chuck device	5577743	May 10, 1995	08438880	November 26, 1996
Torque enhancing tightening screw	5577872	February 9, 1994	08194089	November 26, 1996
Tapping collet	5636851	May 31, 1995	08456118	June 10, 1997
Machine tool collet with axial stop	5641168	May 31, 1995	08456064	June 24, 1997
Chuck having formed jaws	5701779	March 23, 1995	08409493	December 30, 1997
Lever actuated keyless chuck	5704616	July 2, 1996	08674462	January 6, 1998
Tool chuck	5709392	June 7, 1995	08472181	January 20, 1998
Tool holding device incorporating a solid film lubricant	5716057	December 3, 1996	08730631	February 10, 1998
Non impact keyless chuck	5732956	May 31, 1995	08455112	March 31, 1998
Chuck	5741016	October 2, 1996	08720665	April 21, 1998
Quick release chuck device	5755448	December 13, 1996	08764160	May 26, 1998
Reverse lever actuated keyless chuck	5775704	June 22, 1996	08670193	July 7, 1998
Reverse Lever Actuated Keyless Chuck	5775704	June 22, 1996	08670193	July 7, 1998
Collet chuck device	5788248	October 24, 1996	08735656	August 4, 1998
Tool-less machine tool chuck	5810366	February 28, 1997	08808890	September 22, 1998
Screw for fastening	5810533	November 27, 1995	08556956	September 22, 1998
Chuck	5816582	December 6, 1996	08755848	October 6, 1998
Integral locking sleeve chuck	5816583	December 4, 1996	08760651	October 6, 1998

Title	Patent Number	Date Filed	Application Number	Date Issued
Chuck with improved jaw bite	5816584	January 2, 1997	08778400	October 6, 1998
Counter centrifugal chuck and mounting systems	5820135	June 20, 1996	668562	October 13, 1998
Quick release integrated collet and chuck device	5820136	October 24, 1996	08740101	October 13, 1998
Quick release chuck device	5826888	October 24, 1996	08740098	October 27, 1998
Chuck with locking unit	5829762	April 21, 1997	08840524	November 3, 1998
Chuck having formed jaws	5857681	April 17, 1997	08841898	January 12, 1999
Clamp screw	5871322	June 10, 1997	08860681	February 16, 1999
Ball screw clamping device	5899648	November 17, 1997	08971757	May 4, 1999
Impact tool driver	5908076	January 10, 1997	08781136	June 1, 1999
Chuck with gripping mechanism stop	5913524	October 8, 1997	08947268	June 22, 1999
Drill chuck with matching jaw and jaw passageways	5918887	January 30, 1998	09016103	July 6, 1999
Quick release integrated collet and chuck device	5921563	April 21, 1997	08837591	July 13, 1999
Rotary power tool with remotely actuated chuck	5921730	April 28, 1998	09067629	July 13, 1999
Non-impact keyless chuck	5924702	August 20, 1996	08704418	July 20, 1999
Chuck having sleeve retaining nut	5934689	February 17, 1998	09024496	August 10, 1999
Collet chuck device	5944327	October 28, 1997	08959421	August 31, 1999
Quick-change chuck device	5947484	April 28, 1998	09067569	September 7, 1999
Hand actuable clamping device with circumferentially extending tightening members	5947671	January 30, 1998	09016102	September 7, 1999
Enhanced grip tool holding chuck	5951024	August 11, 1997	08909343	September 14, 1999
Spring chuck	5957469	September 25, 1996	08719890	September 28, 1999
Tool Chuck	5984320	January 6, 1997	09101933	November 16, 1999
Impact tool driver	5992538	October 31, 1997	08962255	November 30, 1999
Rotary power tool with remotely actuated chuck	5997225	November 20, 1998	09196965	December 7, 1999
System for mounting a chuck device to a rotary power tool	6004083	April 24, 1998	09065861	December 21, 1999
Chuck with locking body	6007071	March 9, 1998	09037116	December 28, 1999
Chuck	6010135	May 29, 1997	08865117	January 4, 2000
Nosepiece nut retainer chuck	6017039	November 3, 1997	08962789	January 25, 2000
Molded chuck	6045141	August 6, 1997	08907320	April 4, 2000
Remote actuated chuck device for fixed base routers	6045306	November 20, 1998	09196510	April 4, 2000
Tool clamping device	6050741	January 30, 1998	09016220	April 18, 2000
Chuck	6068266	July 31, 1997	08903679	May 30, 2000
Locking chuck	6073939	June 5, 1998	09092552	June 13, 2000
Rotary power tool with remotely actuated chuck	6079916	November 20, 1998	09196580	June 27, 2000
Horizontal lever actuated chuck	6079917	November 20, 1998	09197260	June 27, 2000
Rotary power tool with hydraulically actuated chuck	6079918	November 20, 1998	09197261	June 27, 2000
Chuck with locking sleeve	6102411	August 14, 1998	09134269	August 15, 2000
Chuck with jaw blade rotational stop	6168170	January 30, 1998	09016096	January 2, 2001
Locking chuck	6173972	June 16, 1999	09334478	January 16, 2001
Locking chuck	6179301	June 13, 2000	09593726	January 30, 2001
Collet nut	6179512	May 29, 1998	09086890	January 30, 2001

Title	Patent Number	Date Filed	Application Number	Date Issued
Molded chuck	6186516	April 4, 2000	09542655	February 13, 2001
Locking chuck	6196354	December 15, 1998	09211622	March 6, 2001
Electronic lever for remotely actuating a chuck device	6224305	September 25, 2000	09669437	May 1, 2001
Locking chuck	6241259	January 26, 2000	09491442	June 5, 2001
Clamping Screw	6260856	November 17, 1999	09441675	July 17, 2001
Locking mechanism for a rotary working member	6261041	January 6, 1997	09091976	July 17, 2001
Chuck	6273659	July 27, 1999	09355384	August 14, 2001
Non-impact keyless chuck	6279918	November 19, 1999	09443629	August 28, 2001
Non-impact keyless chuck	6286842	June 10, 1999	09329700	September 11, 2001
Chuck with locking sleeve	6296257	May 12, 2000	09570427	October 2, 2001
Chuck with improved jaw	6311988	June 29, 2000	09606483	November 6, 2001
Molded chuck	6354605	March 10, 2000	09523348	March 12, 2002
Chuck	6364319	December 21, 2000	09747407	April 2, 2002
Locking chuck	6367815	July 17, 2001	09907266	April 9, 2002
Chuck with one-way lock	6390481	March 10, 2000	09523427	May 21, 2002
Chuck with improved bearing	6398226	August 2, 2000	09631009	June 4, 2002
Withdrawn	6402160	February 18, 2000	09507575	June 11, 2002
Chuck	6406035	Withdrawn	09507158	Withdrawn
Locking chuck	6428018	March 10, 2000	09523426	August 6, 2002
Chuck and Power Driver Having Improved Interface Assembly	6435521	December 12, 2000	09736762	August 20, 2002
Locking chuck	6488286	April 25, 2001	09841952	December 3, 2002
Chuck with spring leg dust cover	6488287	March 27, 2001	09818401	December 3, 2002
Quick change chuck	6502836	December 6, 2000	09731086	January 7, 2003
Chuck having quick change mechanism	6503840	December 6, 2000	09731685	January 14, 2003
Chuck	6533291	February 14, 2001	09783698	March 18, 2003
Chuck	6536781	February 12, 2002	09074290	March 25, 2003
Chuck	6540236	June 14, 2002	10172694	April 1, 2003
Self-cleaning drill chuck	6540237	June 23, 2000	10602035	April 1, 2003
Chuck with locking sleeve	6572310	September 16, 2002	10245609	June 3, 2003
Chuck with Helical Jaw Bite	6616147	November 5, 2001	10011917	September 9, 2003
Chuck	6648341	August 24, 2001	09938779	November 18, 2003
Non-Impact Keyless Chuck	6648342	February 11, 2003	10364573	November 18, 2003
Chuck with Quick Change	6669207	September 12, 2001	09954829	December 30, 2003
	6688610	May 10, 2001	09852936	February 10, 2004